

<p align="center">EMERGENCY SERVICES DIVISION</p> <p align="center">PROCEDURE</p> <p align="center">BROOKHAVEN NATIONAL LABORATORY</p>	<p>Procedure No.FR-FEX-4.0.1</p> <p>Revision No. 2</p> <p>Page 1 of 2</p>
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Procedure Title: WORK PLANNING AND CONTROL FOR FIXED FIRE SUPPRESSION SYSTEMS

1.0 Purpose:

- 1.1 The purpose of this procedure is to document the use of the Fire/Rescue Group's application of the Brookhaven National Laboratory's "Work Planning and Control for Operations" when dealing with Fixed Fire Suppression systems for the purpose of maintaining these systems in a safe manner.

2.0 Responsibilities:

- 2.1 The Fire Chief has overall responsibility for the implementation of this procedure.
- 2.2 The Shift Captain will be required to scope out the work involved for work other than low risk by filling out BNL's Standard Work Permit (<https://sbms.bnl.gov/ld/ld108/ld108d111.htm>) and informing the Shift Captain and the Lieutenant of the manner in which the work is to be performed.
- 2.3 The Lieutenant and firefighters are held responsible to perform their work in a safe and knowledgeable manner or receive approval from the Captain for deviations before performing work.

3.0 Definitions:

- 3.1 Low Risk Work: Work within the skill of the firefighter's craft and further defined as work normally performed by F/R as follows:
- 3.1.1 Moving a cylinder under 300 pounds gross weight and
 - 3.1.2 Moving a cylinder across level surfaces and
 - 3.1.3 Making elevation changes on stairs of less than 3 treads (elevators are considered level surfaces)
 - 3.1.4 Moving cylinders on standard cylinder carts (required if the cylinders are over 40 pounds).
- Note: Fenwal spheres are excluded.

<p>PREPARED BY:</p> <p>Chief M. Carroll</p> <p>_____</p> <p>Author/Date</p> <p>Filing Code:</p> <p><u>FR20SR.01</u></p> <p>_____</p>	<p>REVIEWED BY:</p> <p>K. Krasner</p> <p>_____</p> <p>ESH Coordinator/Date</p> <p>J. Levesque</p> <p>_____</p> <p>Fire Protection Engineer/Date</p> <p>J. Vaz</p> <p>_____</p> <p>Division QAO/Date</p>	<p>APPROVED BY:</p> <p>F. Marotta</p> <p>_____</p> <p>Division Manager /Date</p> <p>EFFECTIVE DATE:</p> <p><u>8-29-01</u></p> <p>_____</p> <p>REVIEW CYCLE: 3 years</p>
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4.0 Prerequisites:

- 4.1 Satisfying the basic qualification requirements of a BNL Firefighter (see JTA).

5.0 Precautions:

- 5.1 All pressurized fire suppression cylinders shall have protective caps on the initiator mechanism and safety discharge caps on discharge opening when they are disconnected from the fixed systems piping.
- 5.2 Damaged cylinders shall not be moved until a planning review has been performed, preferably they shall be depressurized before movement. Personal safety takes precedence over environmental concerns.

6.0 Procedure:

- 6.1 The Fire Captain who is responsible for Fixed Fire Extinguishing Systems will schedule work to be performed. He will ascertain whether the removal of the system for garage maintenance should be performed by the Fire/Rescue Group or by another shop.
- 6.2 If the work is to be performed by the Fire/Rescue Group, the Fire Captain will fill out BNL's work permit and will concur with the Shift Captain as to which shift performs the work. All safety requirements in the removal of the cylinders apply. If needed, impairments will be tracked.
- 6.3 The Shift Captain/Lieutenant will inform the work detail of the execution of work being done in a safe manner.

7.0 Implementation and Training:

- 7.1 Read and review this procedure

8.0 References

None

9.0 Attachments

None